Index of Claims

Application/Control No.

Applicant(s)/Patent under Reexamination

HINDERKS ET AL.

Examiner

Art Unit

Min Jung

Applicant(s)/Patent under Reexamination

HINDERKS ET AL.

Art Unit

Art Unit

And Appeal

| √ | Rejected | _ | (Through numeral)<br>Cancelled | N | 1 | Non-Elected  | A | Appeal   |
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| Cla                  | aim      | Γ                 |              |         | •       | Da           | te           |                |                 |          |     | Cla   | im       |          |          |         | Date     | •             |          |          | [        | Cla      | aim        |          |          | _        |          | ate       | _        |                 | _        |          |
|----------------------|----------|-------------------|--------------|---------|---------|--------------|--------------|----------------|-----------------|----------|-----|-------|----------|----------|----------|---------|----------|---------------|----------|----------|----------|----------|------------|----------|----------|----------|----------|-----------|----------|-----------------|----------|----------|
|                      | <u></u>  | 2/1/1/1/2         | P            |         |         |              |              |                |                 |          |     |       | 70       |          |          |         |          |               |          |          |          |          | <u> </u>   |          |          |          |          |           |          |                 |          |          |
| Final                | Original |                   | 1            |         |         |              |              |                |                 |          |     | Final | Original |          |          |         |          |               |          |          |          | Final    | Original   |          |          |          |          |           |          |                 | ı        |          |
| Œ                    | ٦        | 1                 | 1            |         | 1       |              |              |                |                 |          |     | 证     | Ö        |          |          | ļ       |          |               |          |          |          | iII      | Ö          |          |          |          |          |           |          |                 |          |          |
|                      | L.       | 2                 | L            | ┵       | ╄       | ╀            | $\downarrow$ |                | H               | _        |     |       |          | Ц        | _        |         | _        |               |          |          |          |          |            |          | _        |          |          | _         |          | $\sqcup$        | _        | $\neg$   |
| <u> </u>             | 1        | V                 | 1            | 4       | +       | +            | +            | <del> </del> _ | ш               | -        |     |       | 51       | Н        | 4        |         |          | -             | -        |          | ₩,       |          | 101        |          |          | _        |          | _         |          | $\dashv$        |          |          |
| <u> </u>             | 2        | 11                | +            | 4       | +       | ╀            | 4-           | ╄              | $\vdash$        | _        |     |       | 52       | _        | -        | 4       | $\bot$   | $\vdash$      | +        | Ш        |          |          | 102        | Ш        | $\dashv$ | -        |          | _         |          | -               | $\dashv$ |          |
| -                    | 3        | H                 | +            | +       | +       | +            | +-           | <del> </del>   | $\vdash$        | -        |     |       | 53       | $\vdash$ |          | -       | ╂        |               | +        |          |          |          | 103        |          |          | $\dashv$ |          |           |          |                 | $\dashv$ |          |
| <b> </b>             | 5        | ₩                 | ╁            | ╁       | ╬       | ╁            | ╁            | -              | -               | -        |     |       | 54<br>55 | $\vdash$ | +        |         | ╁        | -             | +        | H        | H        | -        | 104<br>105 | -        | -        | $\dashv$ | -        | -         | $\vdash$ | -               | $\dashv$ | -        |
| -                    | 6        | Н                 | ╁            | ╁       | +       | ╁            | +            | +              | -               | $\dashv$ |     |       | 56       | $\vdash$ | $\dashv$ | -       | +        | +             | +        | H        |          |          | 106        | $\vdash$ | $\dashv$ | $\dashv$ | $\dashv$ |           |          | $\dashv$        | $\dashv$ | -        |
| -                    | 7        | H                 | +            | ┰       | ┿       | +            | +            | ╁              |                 | -        |     |       | 57       |          | -+       | +       | ╁        | -+            | +        | H        |          |          | 107        | -        | $\dashv$ | $\dashv$ | $\dashv$ | -         | =        | $\dashv$        | $\dashv$ | -        |
| $\vdash$             | 8        | Н                 | +            | ╁       | ╅       | +            | +            | $\vdash$       |                 | $\dashv$ |     |       | 58       | Н        | $\dashv$ | +       | +        | $\dashv$      | +-       | Н        | ŀ        | -        | 108        |          | $\dashv$ | ᅥ        | $\neg$   |           | $\vdash$ | ᅥ               | $\dashv$ | $\neg$   |
|                      | 9        | H                 | $^{+}$       | +       | ╈       | +            | +            | $\vdash$       | H               | $\dashv$ |     |       | 59       | H        | 十        | +       | 1        |               | +        | H        |          |          | 109        |          | $\dashv$ | $\dashv$ |          |           |          | $\dashv$        | $\dashv$ |          |
|                      | 10       | H                 | +            | ╅       | +       | +            | +            | T              | $\Box$          |          |     |       | 60       | $\Box$   | 十        | 十       | +        | $\dashv$      | +        | H        |          | -        | 110        |          | $\dashv$ |          |          | $\neg$    |          | $\dashv$        | $\dashv$ |          |
|                      | 11       | Ħ                 | $\dagger$    | +       | 十       | T            | $\dagger$    | T              | Ħ               | -        |     |       | 61       | H        | $\dashv$ | +       | +-       | $\vdash$      | 1        | П        | -        |          | 111        |          | H        | _        |          |           |          |                 | 一        |          |
|                      | 12       | Ħ                 | $\dagger$    | 1       | $\top$  |              | T            | Т              | $\Box$          |          |     |       | 62       | П        | $\top$   | $\top$  |          |               | T        |          |          |          | 112        | $\Box$   | $\Box$   | _        |          |           |          |                 | $\dashv$ |          |
|                      | 13       | $\dagger \dagger$ | 1            | 1       |         | $\top$       | 1            | $\Box$         | $\sqcap$        | _        |     |       | 63       | П        | 十        | $\top$  | T        |               | $\top$   |          |          |          | 113        |          | $\Box$   |          |          |           |          | $\Box$          | $\neg$   |          |
|                      | 14       | П                 |              |         |         |              |              |                | $\Box$          |          |     |       | 64       |          |          |         |          |               |          |          | iii!     |          | 114        |          |          |          |          |           |          |                 |          |          |
|                      | 15       | $\prod$           | Ι            |         |         | $\mathbb{I}$ | Ι            |                |                 |          |     |       | 65       |          |          | I       |          |               |          |          |          |          | 115        |          |          |          |          |           |          |                 | 口        |          |
|                      | 16       | $\prod$           | I            | $\Box$  |         |              |              |                |                 |          |     |       | 66       |          |          |         |          |               |          |          |          |          | 116        |          |          |          |          |           |          |                 |          |          |
|                      | 17       | П                 | L            | L       |         | L            |              |                |                 |          |     |       | 67       |          |          |         |          |               |          |          |          |          | 117        |          |          |          |          |           |          |                 |          |          |
|                      | 18       | Ц                 | $\perp$      | $\perp$ |         | $\perp$      | $\perp$      | $\perp$        | Ш               | _        |     |       | 68       |          |          |         |          |               |          | Ш        |          |          | 118        | Ш        |          |          |          |           |          |                 |          | [        |
|                      | 19       | Ц                 | ┸            | _       | $\perp$ | 1            | _            |                | Ш               | _        |     |       | 69       | Ш        | _        |         | _        |               |          | Щ        |          |          | 119        |          |          | _        | _        |           |          |                 |          |          |
| <u></u>              | 20       | Ц                 | 1            | 1       | $\perp$ | ┸            | _            | Щ              | Ш               | _        |     |       | 70       |          | 4        | _       | <u> </u> | $\perp$       |          | Щ        |          |          | 120        |          | Щ        | _        | _        |           |          | _               | _        |          |
|                      | 21       | Н                 | ╀            | ╀       | _       | 4_           | ╀            | 1              | $\sqcup$        | _        |     |       | 71       |          | _        | - -     | _        |               |          | Щ        |          |          | 121        |          |          |          | _        |           |          | $\Box$          | _        | _        |
|                      | 22       | Н                 | +            | +       | 4       | +            | ╀            | 1              | $\vdash \vdash$ | - :      |     |       | 72       | $\dashv$ | 4        |         | ╄        |               | -        | Ш        |          |          | 122        |          | $\dashv$ | _        | _        | _         |          | $\dashv$        | $\dashv$ | $\dashv$ |
|                      | 23       | H                 | 4            | +       | +       | +            | +            | $\vdash$       | $\vdash$        | _        |     |       | 73       |          | 4        |         | $\bot$   | _             | +        |          |          |          | 123        |          | _        | _        |          | _         |          |                 |          |          |
| -                    | 24       | H                 | +            | +-      | +-      |              | +            | ╁┷             | $\vdash \vdash$ | -        |     |       | 74       | $\dashv$ | +        | +       | -        |               | +        | Щ        |          |          | 124        |          | $\dashv$ |          |          |           |          | $\dashv$        | $\dashv$ | $\dashv$ |
| $\vdash$             | 25       | Н                 | ╀            | +       | +       | +-           | +-           | ╁              |                 |          |     | -     | 75<br>76 | $\dashv$ | $\dashv$ | +       | +        | -             | -        |          |          |          | 125        | -        | $\dashv$ | ᅱ        | $\dashv$ | $\dashv$  | $\dashv$ | $\dashv$        |          |          |
| $\vdash$             | 26<br>27 | Н                 | ╀            | +-      | +       | ╀            | +            | Н              | ⊢┼              | $\dashv$ |     |       | 77       | $\dashv$ | $\dashv$ |         | +-       | $\dashv$      |          | Н        | -        | $\dashv$ | 126<br>127 | $\dashv$ | $\dashv$ | $\dashv$ |          | -         | $\dashv$ | $\dashv$        | $\dashv$ | $\dashv$ |
| $\vdash$             | 28       | Н                 | ╁            | ╅       | +       | ╁            | +            | $\vdash$       | $\vdash$        | - :      |     |       | 78       | $\dashv$ | +        |         | +        | $\dashv$      | +        | H        | iii-     | -        | 128        | $\dashv$ | $\dashv$ |          | -        | $\dashv$  | -        | $\dashv$        | 一        | $\dashv$ |
| $\vdash$             | 29       | V                 | ╫            | ╁       | ╁       | ╁            | ╁╌           | +              | $\vdash$        | -        |     |       | 79       | $\dashv$ | $\dashv$ |         | +        | -             |          | H        |          | -        | 129        | $\dashv$ | $\dashv$ |          |          |           |          | $\dashv$        | $\dashv$ | $\dashv$ |
| $\vdash$             | 30       | V                 | 十            | ╈       | ╁       | ╁            | +-           | +              | 1               | -        |     |       | 80       | $\vdash$ | $\dashv$ | +       | +        | -             | +-       |          | ŀ        |          | 130        |          |          | -        |          | $\neg$    |          | $\dashv$        | $\dashv$ | $\dashv$ |
|                      | 31       | Ť                 | t            | ╈       | 十       | $\dagger$    | +            | H              | $\vdash$        | -        |     |       | 81       | $\dashv$ | $\dashv$ | _       | +        | _             | $\dashv$ | H        |          |          | 131        |          | -        | ᅥ        | $\dashv$ | $\neg$    |          | $\dashv$        | $\dashv$ | $\neg$   |
|                      | 32       | Т                 | $^{\dagger}$ | $\top$  | 十       | $\top$       | +-           | H              | $\vdash$        | ╢        |     |       | 82       | -        | $\dashv$ | $\top$  | T        | $\neg \vdash$ | $\top$   | H        | iil      |          | 132        |          | $\neg$   | ᅥ        | 一        |           |          | 寸               | $\dashv$ |          |
|                      | 33       | T                 | T            | $\top$  | $\top$  | $\top$       | Τ            | П              | $\sqcap$        |          |     |       | 83       |          | $\dashv$ | _       | †        |               | 1        |          | ij       |          | 133        |          | $\neg$   | $\neg$   |          |           |          | $\neg \uparrow$ | $\neg$   |          |
|                      | 34       | Г                 | Τ            | ┪       | Τ       | Τ            | 1            | П              |                 |          |     |       | 84       |          | 十        | $\top$  | 1        | $\neg \vdash$ |          |          | i t      |          | 134        |          |          | 一        | $\neg$   | $\exists$ |          | 寸               | ╛        |          |
|                      | 35       |                   | Ι            |         | I       | I            |              | $\Box$         |                 |          |     |       | 85       |          |          |         |          |               |          |          | ı        |          | 135        |          |          |          | $\neg$   |           |          | $\neg$          |          |          |
|                      | 36       |                   | Ι            | Ι       | Ι       |              |              |                |                 |          |     |       | 86       |          | $\Box$   |         |          |               |          |          | ::[      |          | 136        |          |          |          |          |           |          |                 |          |          |
|                      | 37       | 匚                 | L            |         |         |              |              |                | $\Box$          | _]:      |     |       | 87       |          | $\Box$   |         |          |               |          |          | [        |          | 137        |          |          |          |          |           |          |                 |          |          |
|                      | 38       | L                 | L            | $\perp$ | 1       |              | L            | $\sqcup$       |                 | _        |     |       | 88       | $\Box$   | $\perp$  |         |          |               |          |          |          |          | 138        |          |          | $\Box$   |          |           |          |                 | $\Box$   |          |
|                      | 39       | <u> </u>          | L            |         |         | $\perp$      |              | Ш              | Ш               | _        |     |       | 89       |          | $\perp$  |         | $\perp$  | $\perp$       |          | Щ        | -[       | ]        | 139        |          |          |          | [        |           |          | _[              | $\Box$   |          |
| <u> </u>             | 40       | <del> </del>      | 1            | ╀       | _       | ╄            | _            | Ш              |                 | _        |     |       | 90       | Щ        | $\bot$   | $\perp$ | 1        |               | $\perp$  | Щ        | <u> </u> |          | 140        | ļ        | _[       | _        | ļ        | _         |          | _ļ              | _        |          |
|                      | 41       | <u> </u>          | 丰            | 4       | 4       | 4_           | 4_           |                | _               | _        |     |       | 91       | _        | $\dashv$ |         | $\bot$   |               | $\perp$  | Щ        |          |          | 141        |          |          | _        | _        |           |          | _               | _        |          |
|                      | 42       |                   | $\perp$      | +       | $\bot$  | 4-           | 1            | $\sqcup$       | $\sqcup$        | 4        |     |       | 92       |          | 4        | $\bot$  | -        |               | $\perp$  | Щ        | -        |          | 142        | _        | _        | _        |          | _         | _        |                 | _        |          |
|                      | 43       | ╀                 | +            | +       | +       | +            | +            | $\vdash$       | $\vdash \vdash$ | -        |     |       | 93       |          | $\dashv$ | +       | 1        | -             | +        | $\sqcup$ | ii.      |          | 143        | _        |          | _        | -        | _         |          | -               |          |          |
|                      | 44       | ⊬                 | ╀            | ╀       | ╁       | +-           | +-           | $\vdash$       | $\vdash +$      |          |     |       | 94       |          | +        | +       | +-       |               |          | -        | ⊪        |          | 144        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ |           |          | $\dashv$        | $\dashv$ | $\dashv$ |
| $\vdash$             | 45<br>46 | ╀                 | +            | +       | +       | ┿            | +-           | $\vdash$       | $\vdash$        | -        |     |       | 95<br>96 | -        | +        | +       | +        |               |          | -        | ⊪        |          | 145        | $\dashv$ | $\dashv$ |          | -        | -         |          | $\dashv$        | $\dashv$ | -        |
| $\vdash\vdash\vdash$ | 46       | ╀                 | ╀            | +       | +       | +-           | +-           | $\vdash\vdash$ | $\vdash \vdash$ | $\dashv$ |     |       | 96       | -        | +        | +       | +-       | -             | +-       |          | ⊪        |          | 146        |          | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$  | _        | $\dashv$        | $\dashv$ | _        |
| $\vdash$             | 47       | ├                 | ╁            | +-      | +       | +-           | +-           | $\vdash$       | $\vdash$        | -        |     |       | 98       | -        | +        | +-      | +        |               | -        | -        | ⊪        |          | 147<br>148 | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$  | -        |                 | $\dashv$ | $\dashv$ |
| $\vdash \dashv$      | 49       | +                 | +            | +       | +       | +            | +-           | $\vdash$       | $\vdash$        | -        |     |       | 99       | -        | +        | +-      | +        | +             | +        | H        | ⊪        |          | 149        |          |          |          |          | -         | -        | $\dashv$        | $\dashv$ |          |
| $\vdash$             | 50       | $\vdash$          | ╁            | +       | +       | +            | +            | +-             | $\vdash$        |          |     |       | 100      | $\dashv$ | +        | +       | -        | -+            | +        | H        | ⊪        |          | 150        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ |           |          | +               | $\dashv$ | $\dashv$ |
|                      | JU       |                   | 丄            |         |         |              |              | I              |                 | ;:       | ::: |       | 100      |          |          | L_      | لسل      |               | لببلب    | ∷لـــا   | ∷:L      |          | 100        |          | 1        |          |          | _         |          |                 |          |          |